

## WEST Search History

DATE: Wednesday, March 12, 2003

Set Name Query  
side by side

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result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L1	nitrile or acrylonitrile or acrylonitrilebutadiene or ABR or AB or nitrile butadiene or NBR or NB	498743	L1
L2	L1 with (rubber or elastomer)	43896	L2
L3	L2 same epihalohydrin	59	L3
L4	L3 and (crosslinking agent or disulfide or peroxide or thiourea or triazine or quinoxaline or amine)	31	L4
L5	L4 and hose	9	L5
L6	l4 not L5	22	L6

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 22 of 22 returned.**☐ 1. Document ID: US 5010139 A

L6: Entry 1 of 22

File: USPT

Apr 23, 1991

US-PAT-NO: 5010139

DOCUMENT-IDENTIFIER: US 5010139 A

TITLE: Copolymers of ethylene oxide as antistatic additives

DATE-ISSUED: April 23, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yu; Simon H. P.	Westlake	OH		

US-CL-CURRENT: 525/187; 524/397, 524/910, 525/396, 525/403,  
525/405, 525/408, 525/409

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KIMC](#)☐ 2. Document ID: US 4931506 A

L6: Entry 2 of 22

File: USPT

Jun 5, 1990

US-PAT-NO: 4931506

DOCUMENT-IDENTIFIER: US 4931506 A

TITLE: Ethylene oxide/epihalohydrin copolymer antistatic additive  
for chlorine-containing polymers

DATE-ISSUED: June 5, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yu; Simon H.	Westlake	OH		

US-CL-CURRENT: 525/187; 528/419, 528/421

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KIMC](#)

☐ 3. Document ID: US 4775716 A

L6: Entry 3 of 22

File: USPT

Oct 4, 1988

US-PAT-NO: 4775716

DOCUMENT-IDENTIFIER: US 4775716 A

TITLE: Antistatic thermoplastic composition

DATE-ISSUED: October 4, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kipouras; George	Newark	CA		
Federl; Alan R.	Parkersburg	WV		

US-CL-CURRENT: 525/64; 524/910, 525/187, 525/66, 525/67

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 4. Document ID: US 4675356 A

L6: Entry 4 of 22

File: USPT

Jun 23, 1987

US-PAT-NO: 4675356

DOCUMENT-IDENTIFIER: US 4675356 A

TITLE: Synthetic resin composition having reduced corrosion-causing tendency and coloration

DATE-ISSUED: June 23, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyata; Shigeo	Takamatsu			JP

US-CL-CURRENT: 524/424; 524/395, 524/398, 524/399, 524/404, 524/413, 524/417, 524/423, 524/429, 524/431, 524/434, 524/436, 524/437

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: US 4656059 A

L6: Entry 5 of 22

File: USPT

Apr 7, 1987

US-PAT-NO: 4656059

DOCUMENT-IDENTIFIER: US 4656059 A

TITLE: Wet spray booth treating agent and method for treatment therewith

DATE-ISSUED: April 7, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mizuno; Keisuke	Yokohama			JP
Kondou; Eiichirou	Tokyo			JP
Tahara; Kenji	Atsugi			JP
Sekikawa; Ayako	Hadano			JP

US-CL-CURRENT: 427/345; 210/729, 210/735, 210/930, 252/180,  
252/181, 427/421, 524/598, 528/254

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 6. Document ID: US 4588773 A

L6: Entry 6 of 22

File: USPT

May 13, 1986

US-PAT-NO: 4588773

DOCUMENT-IDENTIFIER: US 4588773 A

TITLE: Antistatic thermoplastic composition

DATE-ISSUED: May 13, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Federl; Alan R.	Parkersburg	WV		
Kipouras; George P.	Parkersburg	WV		

US-CL-CURRENT: 525/64; 525/187

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 7. Document ID: US 4584146 A

L6: Entry 7 of 22

File: USPT

Apr 22, 1986

US-PAT-NO: 4584146

DOCUMENT-IDENTIFIER: US 4584146 A

TITLE: Tetrakis(2,6-di-t-butyl-4-substituted phenyl)4,4'-bisphenyl

diphosphites

DATE-ISSUED: April 22, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chasar; Dwight W.	Northfield	OH		

US-CL-CURRENT: 558/156; 524/101, 558/95, 987/219

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 8. Document ID: US 4522735 A

L6: Entry 8 of 22

File: USPT

Jun 11, 1985

US-PAT-NO: 4522735

DOCUMENT-IDENTIFIER: US 4522735 A

TITLE: Polyphosphoramidite oligomers and stabilizer compositions thereof

DATE-ISSUED: June 11, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chasar; Dwight W.	Northfield	OH		

US-CL-CURRENT: 508/243; 106/243, 106/263, 106/270, 106/285,  
252/400.21, 252/403, 426/541, 44/333, 44/334, 44/335, 44/336 ,  
44/340, 44/346, 44/423, 508/249, 508/262, 508/293, 508/425,  
540/542, 544/157, 544/337, 548/950, 558/162 , 558/195, 987/197,  
987/366

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 9. Document ID: US 4507416 A

L6: Entry 9 of 22

File: USPT

Mar 26, 1985

US-PAT-NO: 4507416

DOCUMENT-IDENTIFIER: US 4507416 A

TITLE: 2,4,6-Tris(substituted  
phenoxy)-1,3,5,2,4,6-trioxatriphosphorinanes as stabilizers

DATE-ISSUED: March 26, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chasar; Dwight W.	Northfield	OH		

US-CL-CURRENT: 521/101; 252/400.21, 524/117, 558/73, 987/37

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 10. Document ID: US 4501684 A

L6: Entry 10 of 22

File: USPT

Feb 26, 1985

US-PAT-NO: 4501684

DOCUMENT-IDENTIFIER: US 4501684 A

TITLE: 2-Naphthyl phosphoramidites and compositions thereof

DATE-ISSUED: February 26, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chasar; Dwight W.	Northfield	OH		

US-CL-CURRENT: 252/400.21; 524/122, 544/157, 546/21, 558/200,  
558/93, 987/197, 987/366

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 11. Document ID: US 4495320 A

L6: Entry 11 of 22

File: USPT

Jan 22, 1985

US-PAT-NO: 4495320

DOCUMENT-IDENTIFIER: US 4495320 A

TITLE: 3,6-Di-t-butyl-2-naphthyl catechol phosphite and  
compositions thereof

DATE-ISSUED: January 22, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chasar; Dwight W.	Northfield	OH		

US-CL-CURRENT: 524/101; 524/117, 558/85, 987/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 12. Document ID: US 4472548 A

L6: Entry 12 of 22

File: USPT

Sep 18, 1984

US-PAT-NO: 4472548

DOCUMENT-IDENTIFIER: US 4472548 A

TITLE: Oligomeric phenylphosphonites

DATE-ISSUED: September 18, 1984

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Son; Pyong-Nae	Akron	OH		
Kletecka; George	Rocky River	OH		

US-CL-CURRENT: 524/102; 524/126

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 13. Document ID: US 4444929 A

L6: Entry 13 of 22

File: USPT

Apr 24, 1984

US-PAT-NO: 4444929

DOCUMENT-IDENTIFIER: US 4444929 A

TITLE: Unsymmetrical phosphite-phenolic isocyanurate stabilizer combinations

DATE-ISSUED: April 24, 1984

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chaser; Dwight W.	Northfield	OH		

US-CL-CURRENT: 524/101; 174/52.6, 252/400.24, 524/151, 558/198, 558/218

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

☐ 14. Document ID: US 4415686 A

L6: Entry 14 of 22

File: USPT

Nov 15, 1983

US-PAT-NO: 4415686

DOCUMENT-IDENTIFIER: US 4415686 A

TITLE: Sterically hindered phenyl bis(naphthyl)phosphites and compositions thereof

DATE-ISSUED: November 15, 1983

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chasar; Dwight W.	Northfield	OH		

US-CL-CURRENT: 524/101; 252/400.24, 252/404, 524/151, 558/197, 558/198, 558/218, 987/219

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 15. Document ID: US 4251435 A

L6: Entry 15 of 22

File: USPT

Feb 17, 1981

US-PAT-NO: 4251435

DOCUMENT-IDENTIFIER: US 4251435 A

TITLE: High molecular weight piperidine derivatives as UV stabilizers

DATE-ISSUED: February 17, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Son; Pyong-Nae	Akron	OH		
Lai; John T.	Broadview Heights	OH		

US-CL-CURRENT: 524/102; 252/401, 252/403, 524/103, 524/929, 546/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 16. Document ID: US 4048261 A

L6: Entry 16 of 22

File: USPT

Sep 13, 1977

US-PAT-NO: 4048261

DOCUMENT-IDENTIFIER: US 4048261 A



TITLE: Vulcanizable compositions of a halogen-containing polymer and a diene-nitrile rubber having active halogen cure sites

DATE-ISSUED: September 13, 1977

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Starmer; Philip Hubert	Avon Lake	OH		

US-CL-CURRENT: 525/187; 525/195, 525/199, 525/210, 525/211, 525/213, 525/214, 525/215, 525/217, 525/233

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 17. Document ID: US 3956212 A

L6: Entry 17 of 22

File: USPT

May 11, 1976

US-PAT-NO: 3956212

DOCUMENT-IDENTIFIER: US 3956212 A

TITLE: Ethylene resin composition

DATE-ISSUED: May 11, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sakaguchi; Fumio	Yokohama			JA
Suzuji; Tadao	Kawasaki			JA
Yamazaki; Isamu	Kawasaki			JA

US-CL-CURRENT: 524/399; 428/461, 524/400, 524/430

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 18. Document ID: US 3876590 A

L6: Entry 18 of 22

File: USPT

Apr 8, 1975

US-PAT-NO: 3876590

DOCUMENT-IDENTIFIER: US 3876590 A

TITLE: Cross-linked polymer of an epihalohydrin and a process for producing the same

DATE-ISSUED: April 8, 1975

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shimogawa; Sachio	Amagasaki			JA
Yamada; Nobuo	Amagasaki			JA
Fujio; Takashi	Amagasaki			JA
Kodama; Takashi	Itami			JA
Nakata; Tetsuya	Ibaragi			JA

US-CL-CURRENT: 525/187; 525/403, 525/409, 528/390, 528/409,  
528/412, 528/413, 528/414

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 19. Document ID: JP 2000212330 A

L6: Entry 19 of 22

File: JPAB

Aug 2, 2000

PUB-NO: JP02000212330A  
DOCUMENT-IDENTIFIER: JP 2000212330 A  
TITLE: VULCANIZABLE RUBBER COMPOSITION

PUBN-DATE: August 2, 2000

INVENTOR-INFORMATION:

NAME

COUNTRY

OKAWA, TOSHIO

FUKUDA, HIDEO

NISHIMURA, KOICHI

INT-CL (IPC): C08 L 9/02; C08 K 5/3492; C08 K 5/37; C08 L 15/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 20. Document ID: JP 01085271 A

L6: Entry 20 of 22

File: JPAB

Mar 30, 1989

PUB-NO: JP401085271A  
DOCUMENT-IDENTIFIER: JP 01085271 A  
TITLE: PRINTED BOARD

PUBN-DATE: March 30, 1989

INVENTOR-INFORMATION:

NAME

COUNTRY

FURUHATA, TOSHIKAZU

US-CL-CURRENT: 524/492

INT-CL (IPC): C09J 3/16; C09J 3/16; H05K 3/38

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 21. Document ID: JP 55084371 A

L6: Entry 21 of 22

File: JPAB

Jun 25, 1980

PUB-NO: JP355084371A

DOCUMENT-IDENTIFIER: JP 55084371 A

TITLE: EPOXY RESIN COMPOSITION FOR POWDERED PAINT

PUBN-DATE: June 25, 1980

INVENTOR-INFORMATION:

NAME

COUNTRY

EBARA, TOSHIHARU

HAMANAKA, KEIICHI

HASEGAWA, KOICHI

SEKIGUCHI, HISAFUMI

US-CL-CURRENT: 525/107

INT-CL (IPC): C09D 5/00; C09D 3/58; C08G 59/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 22. Document ID: EP 1170331 A1

L6: Entry 22 of 22

File: EPAB

Jan 9, 2002

PUB-NO: EP001170331A1

DOCUMENT-IDENTIFIER: EP 1170331 A1

TITLE: CROSSLINKABLE RUBBER COMPOSITION

PUBN-DATE: January 9, 2002

INVENTOR-INFORMATION:

NAME

COUNTRY

OHKAWA, TOSHIO

JP

FUKUDA, HIDEO

JP

INT-CL (IPC): C08 L 9/00; C08 L 71/03; C08 K 5/36

EUR-CL (EPC) : C08L071/03

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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